

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-153  
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
912F2	250	Exhaust Gas Recirculation Oxidation Catalyst Pulse Air Injection

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

<u>Engine Family</u>	<u>Inertia Weight Class</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
912F2	4000- 6000	.41	6.4	1.8

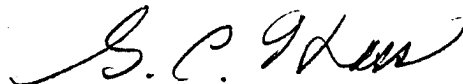
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 12 day of September, 1978.

A handwritten signature in dark ink, appearing to read "G. C. Hass", is written over the printed name.

G. C. Hass, Chief  
Vehicle Emissions Control Division

# 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corp. Executive Order No. A-6-153 Page 1

Engine Family 912F2 Engine (CID) 250

## ABBREVIATIONS

### Ignition System

CA-Centrifugal Advance  
EI-Electronic Ignition  
ESAC  
VA-Vacuum Advance  
VR-Vacuum Retard

### Exhaust Emissions Control System

AI-Air Injection  
CCAV-Comb. Chamber Air Valve  
EFI-Electronic Fuel Injection  
EGR-Exhaust Gas Recirculation  
EM-Engine Modification

OC-Oxidation Catalyst  
PAI-Pulse Air Injection  
TC-Turbo Charged  
TR-Thermal Reactor  
TWC-Three Way Catalyst  
(Feedback Control)  
WOC-Warm-up Oxidation Catalyst

### Fuel System

EFI, MFI  
nV-nVenturi Carburetor  
VV-Variable Venturi

ESAC-Electronic Spark Advance Control  
MFI-Mechanical Fuel Injection

Evaporative Emission Family 9B6-T, 9C6-T

\*Note: Chevrolet models are listed. GMC Truck Div. has a complete line of matching models, not listed. For GMC models, read T instead of C as the first letter of the model code.

## TRUCK MODEL IDENTIFICATION \*

1. C = Chevrolet; T = GMC Truck C C 10703+E63+LG9  
2. Chassis Type \_\_\_\_\_  
3. GVW Range \_\_\_\_\_  
4. CA Dimension/Model Type \_\_\_\_\_  
5. Cab or Body Style \_\_\_\_\_  
6. Body Ordering Code \_\_\_\_\_  
7. Engine Ordering Code \_\_\_\_\_

②

### Chassis Type

C—Conventional 4 x 2  
G—Forward Control 4 x 2  
(Body-Frame Integral)  
K—Conventional 4 x 4  
(Four Wheel Drive)  
P—Forward Control 4 x 2  
(Conventional)

③

Series/GVW Range  
1—4800 to 7300  
2—6400 to 8400  
3—6400 to 14,500

⑤

### Cab or Body Style

03—Conventional Cab  
(C-K models)  
Cutaway Van, Hi-Cube  
Van (G models)  
05—Chevy Van, Vandura  
06—Suburban/Sportvan,  
Rally Wagon with  
Panel Rear Doors  
16—Blazer, Jimmy  
32—Motor Home Chassis  
42—Forward Control  
Chassis, Step-Van,  
Value Van  
43—Bonus Cab, Crew Cab

④

### CA Dimension/Model Type

05—Blazer, Jimmy,  
Step-Van, Value Van  
07—42"/Pickup, Chassis-Cab  
08—FC or Motor Home  
Chassis, Step-Van, Value  
Van  
09—56"/Suburban,  
Chassis-Cab, Pickup  
10—60"/FC Chassis, Chevy  
Van, Vandura, Sportvan,  
Rally Wagon,  
Chassis-Cab, Step-Van,  
Value Van  
11—Motor Home Chassis  
13—Chevy Van, Vandura,  
Sportvan, Rally  
Wagon, Cutaway  
Van, Hi-Cube Van  
14—84"/FC or Motor Home  
Chassis, Chassis-Cab,  
Step-Van, Value Van  
16—Cutaway Van,  
Hi-Cube Van  
18—Motor Home Chassis

⑥

### Body Code

ZW9—Base Body  
Z58—Blazer, Jimmy w/White  
Top  
Z59—Blazer, Jimmy w/Black  
Top  
Z64—RV Cutaway Van  
E31—Hi-Cube Van (10' Steel  
96" Wide)  
E32—Step-Van, Value Van  
(Steel)  
E33—Step-Van, Value Van  
(Aluminum)  
E34—Hi-Cube Van (10' Steel  
82" Wide)  
E36—Hi-Cube Van (96" Wide  
10' Aluminum)  
E38—Hi-Cube Van (12' Steel  
96" Wide)  
E39—Hi-Cube Van (96" Wide  
12' Aluminum)  
E55—Suburban(w/End Gate)  
E62—Stepside (Fenderside)  
Pickup  
E63—Flatside (Wide Side)  
Pickup  
E94—Beauville Sportvan,  
Rally STX

⑦

### Engine Code

LD4—250 Six  
L25—292 Six  
LG9—305.2 V8  
LS9—350.4 V8  
LF4—400.4 V8  
LF8—454.4 V8  
LF9—350-DIESEL

Issued:090878.

## AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT

Gasoline-powered ☒ Light Duty Trucks ☐ Medium Duty VehiclesManufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-153 Pg. 2Engine Family 912F2 Engine (CID) 250 Transm. \_\_\_\_\_Exhaust Emission Control System EGR, OC, PAT +10% (A/C) Yes ☐ No ☒

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA	Fuel System 2V	EGR System	Inertia Wt. Class	See Pg.1 for:		Trans- mission	Cert. Veh. Axle Ratio	Tune-up Label & Page No.	Rev. Notes				
						Model Code	Body Code(s)								
10	W or WO	Delco Remy 1110749	Rochester 17059765	17062085	4000	CC10703	E62	M-3 M-4	3.40	UX or UW	3				
						CC10703	E63	M-3 M-4							
						CG11005	None	M-3							
					4500	CC10903	E62	M-3 M-4	3.07						
						CC10903	E63	M-3 M-4							
						CG11305 CG11006 CG11306	None	M-3							
					12		17059764		4000			CC10703 CC10703 CG11005	E62 E63 None	A-3	
												4500	CC10903 CC10903 CG11305 CG11006 CG11306	E62 E63 None	

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue: 090878. Revisions:

Manufacturer: General Motors Corporation

Executive Order No. A-6-153 Pg. 3

**UW**  
4.1 LITER  
(250 CU IN.)  
# 91272  
96.1

**VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION

**SET PARKING BRAKE AND BLOCK DRIVE WHEELS.**

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CAMSTER PLUGE HOSE AT CAMSTER.
3. ADJUST CURB IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING 1/8 INCH SCREW LOCATED AT END OF IDLE SOLENOID BODY.
4. DISCONNECT ELECTRICAL LEAD AT IDLE SOLENOID. ADJUST BASE IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING IDLE SPEED SCREW. RECONNECT ELECTRICAL LEAD.
5. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE CAM FOLLOWER SCREW TO OBTAIN SPECIFIED FAST IDLE SPEED ON HIGH STEP OF CAM.
6. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CAMSTER PLUGE HOSE TO CAMSTER.

**CATALYST**  
PAIR FOR THE  
LOW ALTITUDE CERTIFICATION

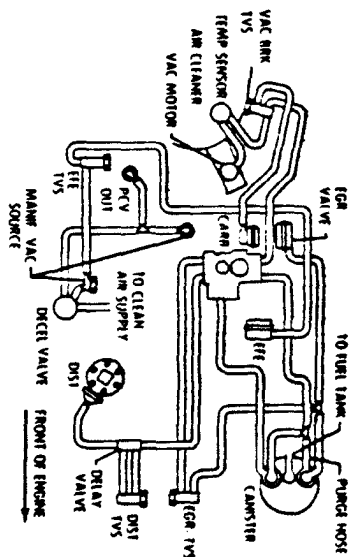
	TRANSMISSION	
	AUTOMATIC	MANUAL
TIMING (° BTDC @ RPM)	10° @ 600	10° @ 750
SPARK PLUG GAP (IN.)	0.035	0.035
CURB IDLE SPEED (RPM)	600 (GM)	750 (M)
BASE IDLE SPEED (RPM)	425 (GM)	425 (M)
FAST IDLE SPEED (RPM)	2100 (P) OR (M)	2100 (M)

[NOTE] IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED.

FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION.

**EMISSION HOSE ROUTING**



96.1

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW LIGHT DUTY TRUCKS.

PT. NO. 14007812

**UX**  
4.1 LITER  
(250 CU IN.)  
# 91272  
96.1

**VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION

**SET PARKING BRAKE AND BLOCK DRIVE WHEELS.**

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CAMSTER PLUGE HOSE AT CAMSTER.
3. ADJUST CURB IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING 1/8 INCH SCREW LOCATED AT END OF IDLE SOLENOID BODY.
4. DISCONNECT ELECTRICAL LEAD AT IDLE SOLENOID. ADJUST BASE IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING IDLE SPEED SCREW. RECONNECT ELECTRICAL LEAD.
5. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE CAM FOLLOWER SCREW TO OBTAIN SPECIFIED FAST IDLE SPEED ON HIGH STEP OF CAM.
6. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CAMSTER PLUGE HOSE TO CAMSTER.

**CATALYST**  
PAIR FOR THE  
LOW ALTITUDE CERTIFICATION

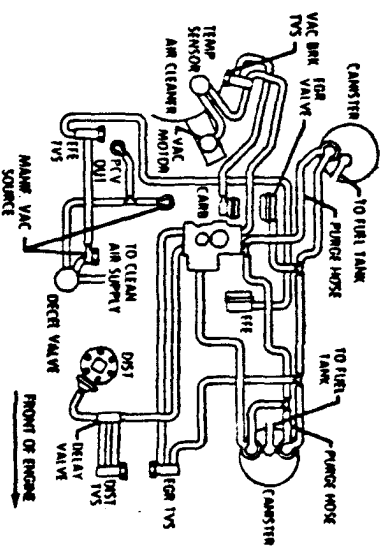
	TRANSMISSION	
	AUTOMATIC	MANUAL
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**EMISSION HOSE ROUTING**



96.1

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW LIGHT DUTY TRUCKS.

PT. NO. 14007813